

CROSS WORLD POWER LIMITED								
BOQ OF 2X500KVA GENERATOR INSTALLATION								
Client Name: COTTONEX FASHION LTD			Address: KALURGAT I/A, CHATTOGRAM			Date: 22.05.19		
Gen Model: P5500			Engine Model: 2806			Alternator Model:		
Sl No	Job Description	Tehcnical Details/ Brand	Scope Of Supply	Unit	Quantity	Unit Rate	Total Rate	Remarks
1	Electrical System for 2X500kVA		CLIENT					
1.1	Generator Power Cable (35 °C in air)	2X4X1C X 185 mm2 NYY DG1 to ATS.		Meter	200			
1.2		2X4X1C X 185 mm2 NYY DG2 to ATS.		Meter	150			
1.3		2X4X1C X 185 mm2 NYY ATS to Mains.						
1.4		2X4X1C X 185 mm2 NYY ATS to Load.						
1.5	Control cable for sensing	4 X 1.2 cm (40/0.19 mm)Flexible Cable		Meter	55		-	
1.6	Communication Shield Cable	2X1.2mm for sync.		Meter	74		-	
1.7	Cable Tie	L - 12"		Pack	5		-	
1.8	Cable Laying Charge	1CX185 mm2 NYY Power Cable		Meter	350		-	
1.9	Cable Lugs	185 mm , Material -Copper , Surface-Electro Tinned		Pcs	35		-	
1.10	Royal Bolts	12 no.		Pcs	10		-	
1.11	PIB Tape			Pcs	3		-	
1.12	PVC Tape	Adhesive Tape 04 color (Red/ Yellow/ Black/ Blue)		Pcs	12		-	
1.13	Cable Gland	36mm dia		Pcs	16		-	
2	Generator Earthing for 2x500kVA							
2.1	Earthing Boring	100 rft		Job			-	
2.2	Earthing Copper Lead	2 SWG		Meter			-	
2.3	GI Pipe	38mm dia GI pipe		Meter			-	
2.4	PVC Flexible pipe for earthing	3/4" inner dia		Meter			-	
2.5	Earthing Inspection pit	Construction of Earth inspection pit measurement 600mm X600mm X 600 mm with 250mm thick brick in cement mortar (1:4) with 100mm thick RCC top slab		Job			-	
2.6	Earthing Block	Dimension LXWXD - 300mm X 50mm X 10mm with connection facility		Pcs	6	3,684	22,104	
2.7	Earthing Cable	1 X 95 mm2 BYA (Green) from Earthing Copper bar to gen & equipment for 2X500 Kva	CLIENT	Meter	40			
2.8	Earthing Cable lugs	95 mm Material -Copper , Surface-Electro Tinned		Pcs	14		-	
3	Exhaust System for 2X500kVA							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 204 mm , thickness 3-4mm		Meter	16	4,100	65,600	
3.2	Exhaust Bends	Long radius 90 deg L bow dia 204 mm Bore		Pcs	4	2,171	8,684	
3.3	Exhaust Flange	Welding neck flange 204 mm Bore		Pcs	20	1,118	22,360	
3.4	Weather Cowl	for 8" dia pipe		Pcs	2	7,000	14,000	
3.5	Exhasut Fitting with Silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	30,914	30,914	
3.6	Exhaust Heat Insulation with silencer box	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 1 mm Aluminium sheet cladding.		Job	1	42,264	42,264	
4	Cooling Systems for 2x500kVA							
4.1	Radiator Hot Air Ducting	WXH- 5'X4'; rft=28'; Made With 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, Iron mesh etc for 1X500 Kva		Sq-ft (Approx.)	1,008	262	264,096	
5	Commissioning Material for 2x500kVA							
5.1	Radiator premixed coolant	Havoline Premix Coolant		Liter	120	160	19,200	
5.2	Lube oil	SAE 15 W 40		Liter	120	420	50,400	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	40	90	3,600	
Total Tk -(Excluding VAT & AIT)							543,222	
Note: Related Civil work will be done by Client as per instruction of CWPL Engineer.								

BDT, = 5.05000/-

We finally confirmed the Payment BDTK. 5,05,000/- Five lac Five Thousand Only.

Cottonex Fashions Limited
Md. Imtiazul Haque
Managing Director
22/5/19